

Scaled data based on original data using
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions

Brand: IRiS

Report Number: P1276436

Luminaire Tested: P3AS17R309835DE010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1276436
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-15)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R309835DE010 E3DL1MW
Description: 3in Adjustable LED luminaire with, R30 optic, 3500K CCT AND, 98CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

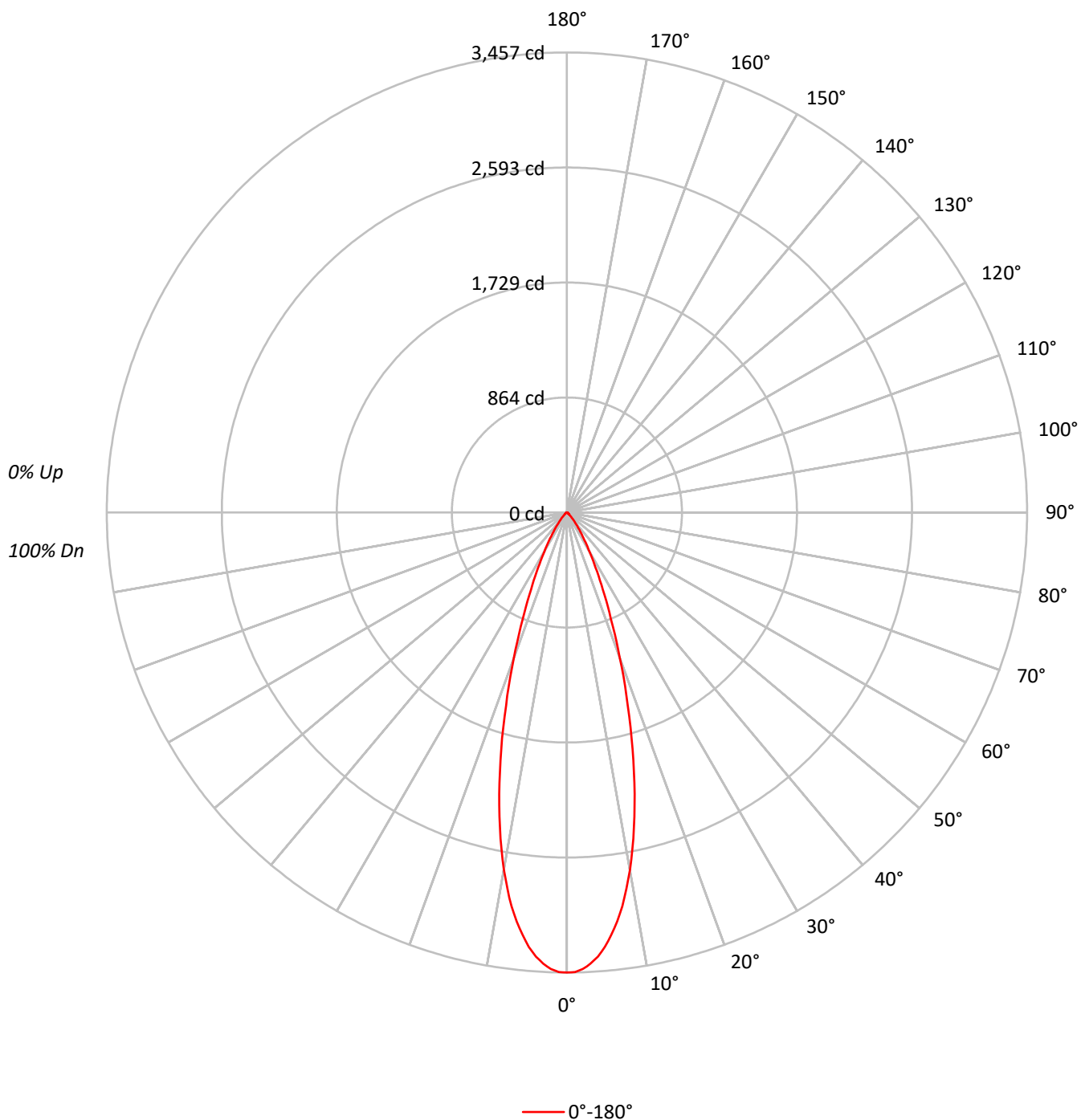
Lumens per Lamp: N/A
Luminaire Lumens: 1299.0 lumens
Efficiency: N/A
Efficacy: 63.7 lumens/watt
Spacing Criteria (0/90/45): 0.54 / 0.54 / 0.54
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 20.4
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

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Luminous Intensity Polar Plot



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20
RC	80				70				50				30				10
RW	70	50	30	10	70	50	30	10	50	30	10		50	30	10		50
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102
1	114	112	110	108	112	110	108	106	106	104	103		102	101	100		99
2	110	105	102	99	107	104	101	98	101	98	96		98	96	94		95
3	105	100	96	92	103	98	95	91	96	93	90		94	91	89		91
4	101	95	90	87	99	94	89	86	92	88	85		90	87	84		88
5	97	90	85	82	96	89	85	81	88	84	81		86	83	80		85
6	94	86	81	78	92	85	81	77	84	80	77		83	79	76		81
7	90	82	77	74	89	82	77	74	81	76	73		80	76	73		79
8	87	79	74	71	86	79	74	71	78	73	70		77	73	70		76
9	84	76	71	68	83	75	71	68	75	70	67		74	70	67		73
10	81	73	68	65	80	73	68	65	72	68	65		71	67	65		71

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	758009
5°	721460
10°	606847
15°	437642
20°	271460
25°	154388
30°	85760
35°	46659
40°	24589
45°	13304
50°	7130
55°	4702
60°	4298
65°	4462
70°	3911
75°	3135
80°	3157
85°	3019

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 13304 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	295.1	22.7
10°-20°	524.6	40.4
20°-30°	303.2	23.3
30°-40°	115.1	8.9
40°-50°	35.3	2.7
50°-60°	11.9	0.9
60°-70°	8.1	0.6
70°-80°	4.4	0.3
80°-90°	1.3	0.1
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-30°	1123.0	86.4
0°-40°	1238.1	95.3
0°-60°	1285.3	98.9
0°-90°	1299.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1299.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	3457	
5°	3278	295
15°	1928	525
25°	638	303
35°	174	115
45°	43	35
55°	12	12
65°	9	8
75°	4	4
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	3456.8
1°	3454.3
2°	3433.5
3°	3394.2
4°	3345.1
5°	3277.6
6°	3191.7
7°	3096.0
8°	2989.3
9°	2861.6
10°	2725.4
11°	2578.2
12°	2422.3
13°	2259.1
14°	2093.5
15°	1927.8
17.5°	1520.4
20°	1163.3
22.5°	862.7
25°	638.1
27.5°	463.9
30°	338.7
32.5°	244.2
35°	174.3
37.5°	121.5
40°	85.9
42.5°	60.1
45°	42.9
47.5°	29.5
50°	20.9
52.5°	14.7
55°	12.3
57.5°	11.0
60°	9.8
62.5°	8.6
65°	8.6
67.5°	7.4
70°	6.1
72.5°	4.9
75°	3.7
77.5°	3.7
80°	2.5
82.5°	2.5
85°	1.2
87.5°	0.0



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)